

#RCE  
PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

November 21, 2003  
Date

Denise Sheridan  
Denise Sheridan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/043,682

Confirmation No. : 9115

Applicants : Timothy B. Cowles et al.

Filed : January 10, 2002

Attorney Docket No. : 500792.05

Art Unit : 2824

Customer No. : 27,076

Examiner : Van Thu T. Nguyen

Title : REFRESH CONTROLLER AND ADDRESS REMAPPING CIRCUIT AND METHOD  
FOR DUAL MODE FULL/REDUCED DENSITY DRAMS

**REQUEST FOR CONTINUED EXAMINATION (RCE)**  
**UNDER 37 C.F.R. § 1.114**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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TECHNOLOGY CENTER 2800

Sir:

Applicants request continued examination, under 37 C.F.R. § 1.114, of the above-identified application.

**1. Submission Required Under 37 C.F.R. § 1.114**

a. ☐ Submission previously submitted

- i. ☐ Consider the amendment/reply under 37 C.F.R. § 1.116 previously filed on \_\_\_\_\_.
- ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on \_\_\_\_\_.
- iii. ☐ Consider the Information Disclosure Statement (IDS) previously filed on \_\_\_\_\_.

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Page 1 of 2

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b. ☒ Submission enclosed

- i. ☐ Amendment/Reply
- ii. ☐ Affidavit(s)/Declaration(s)
- iii. ☒ Supplemental Information Disclosure Statement (IDS)

**2. Suspension of Action** (Period of suspension shall not exceed 3 months; fee under 37 C.F.R. § 1.17(i) required)

☐ Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of \_\_\_ months.

**3. Accompanying Papers**

- ☒ Postcard
- ☒ Check
- ☒ Fee Transmittal Sheet

**4. Deposit Account**

☒ The Commissioner is authorized to charge any additional fees required in the above-identified patent application to Deposit Account No. 50-1266.

Respectfully submitted,

Timothy B. Cowles et al.

Date:

Nov 20, 2003

By:

Edward W. Bulchis

Edward W. Bulchis

Reg. No. 26,847

Customer No. 27,076

Dorsey & Whitney LLP

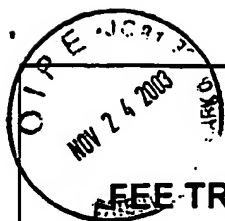
1420 Fifth Avenue, Suite 3400

Seattle, WA 98101

(206) 903-8785

Attorney for Applicants

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# **FEE TRANSMITTAL SHEET (FOR FY 2004)**

Complete If Known	
Application No.	10/043,682
Filing Date	January 10, 2002
First Named Inventor	Timothy B. Cowles
Group Art Unit	2824
Examiner	Van Thu T. Nguyen
Atty. Docket Number	500792.05

**METHOD OF PAYMENT (Check One)**

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. ☒ Check Enclosed

**FEE CALCULATION**
**1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1001	770	2001	385	<input type="checkbox"/> Utility Filing Fee
1002	340	2002	170	<input type="checkbox"/> Design Filing Fee
1003	530	2003	265	<input type="checkbox"/> Plant Filing Fee
1004	770	2004	385	<input type="checkbox"/> Reissue Filing Fee
1005	160	2005	80	<input type="checkbox"/> Provisional Filing Fee

Subtotal (1) \$0

**2. EXTRA CLAIM FEES**

Current Claims	Prior	Extra	Fee	Fee Paid
Total	-	20	x	\$ = \$
Ind.	-	3	x	\$ = \$
Multiple Dependent Claims			x	\$ = \$

Subtotal (2) \$0

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	280	2203	145	Multiple dependent Claim
1204	86	2204	43	Reissue independent claims over original patent
1205	18	2205	9	Reissue claims in excess of 20 and over original patent

**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - Late filing fee or oath	\$
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	\$
1053	130	2053	130	Non-English specification	\$
1812	2,520	1812	2,520	For Filing a Request for ex parte Reexamination	\$
1804	920	1804	920	Requesting publication of SIR prior to Examiner action	\$
1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	420	2252	210	Extension for reply within 2 <sup>nd</sup> month	\$
1253	950	2253	475	Extension for reply within 3 <sup>rd</sup> month	\$
1254	1,480	2254	740	Extension for reply within 4 <sup>th</sup> month	\$
1255	2,010	2255	1,005	Extension for reply within 5 <sup>th</sup> month	\$
1401	330	2401	165	Notice of Appeal	\$
1402	330	2402	165	Filing a brief in support of an appeal	\$
1403	280	2403	145	Request for oral hearing	\$
1814	110	2814	55	Terminal Disclaimer Fee	\$
1452	110	2452	55	Petition to revive - unavoidable	\$
1453	1,330	2453	665	Petition to revive - unintentional	\$
1501	1,330	2501	665	Utility/Reissue issue fee	\$
1502	480	2502	240	Design issue fee	\$
1503	640	2503	320	Plant issue fee	\$
1480	130	1480	130	Petitions to the Commissioner	\$
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	\$
1808	180	1808	180	Submission of IDS	\$
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	\$
1801	770	2801	385	Request for Continued Examination (RCE)	\$770

Other fee (specify)

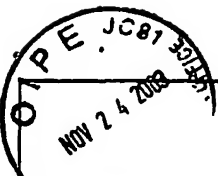
Subtotal (3) \$770

Total Amount of Payment: \$770

Submitted by:

Name: Edward W. Bulchis	Reg. No.: 26,847	Telephone: (206) 903-8800
Signature: <i>Edward W. Bulchis</i>	Date: <i>November 20, 2003</i>	

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# **FEE TRANSMITTAL SHEET (FOR FY 2004)**

Complete if Known

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Filing Date	January 10, 2002
First Named Inventor	Timothy B. Cowles
Group Art Unit	2824
Examiner	Van Thu T. Nguyen
Atty. Docket Number	500792.05

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Subtotal (3) \$770

Total Amount of Payment: \$770

Submitted by:

Name : Edward W. Bolchis

Reg. No.: 26,847

Telephone: (206) 903-8800

Signature:

Date:

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